Rypain 04/27/2007

| RD       | RO   | EAST Sear              | ch Histor<br>מפ   | y RD                | os.     | RX               |
|----------|------|------------------------|---|---------------------|---------|------------------|
| Ref<br># | Hits | Search Query           | DBs   | Default<br>Operator | Plurals | Time Stamp       |
| L1       | 8    | "333219".ap.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/04/27 08:24 |
| L2       | 4    | "667869".ap.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/04/27 08:24 |
| L3       | 0    | ("2006/0114889").URPN. | USPAT   | OR                  | ON      | 2007/04/27 09:01 |
| L4       | 5    | "633865".ap.           | USPAT   | OR                  | ON      | 2007/04/27 09:26 |
| L5       | 0    | ("7088720").URPN.      | USPAT   | OR                  | ON      | 2007/04/27 09:02 |
| L6       | 1    | "7079485".pn.          | USPAT   | OR                  | ON .    | 2007/04/27 10:07 |
| L7       | 0    | "20030172170"          | USPAT   | OR                  | ON      | 2007/04/27 10:07 |
| L8       | 6    | "093860".ap.           | USPAT   | OR                  | ON      | 2007/04/27 10:08 |
| L9       | 8    | "093860".ap.           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/04/27 10:08 |

| L10   | 37  | (US-20010049729-\$ or<br>US-20010049737-\$ or<br>US-20010028660-\$ or<br>US-20030172170-\$ or  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/04/27 10:10 |
|-------|-----|--|---|----|----|------------------|
|       |     | US-20040004968-\$ or<br>US-20010019559-\$ or<br>US-20030065787-\$ or<br>US-20020023174-\$ or<br>US-20020013844-\$ or<br>US-20030091267-\$ or<br>US-20030189930-\$ or<br>US-20020161929-\$ or<br>US-20020161929-\$ or<br>US-20020101858-\$ or<br>US-20060031500-\$ or<br>US-20060031499-\$).did. or<br>(US-7069344-\$ or US-7027432-\$ or<br>US-6748439-\$ or US-6753887-\$ or<br>US-6603758-\$ or US-6636894-\$ or<br>US-6145002-\$ or US-6073172-\$ or<br>US-6937574-\$ or US-6816890-\$ or<br>US-6937574-\$ or US-6977930-\$ or<br>US-6052445-\$ or US-6977930-\$ or<br>US-6020176427-\$ or<br>US-20020176427-\$ or<br>US-20030065787-\$).did. |   |    |    |                  |
| L11 . | 5   | 10 and firewall  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/04/27 12:23 |
| L12   | 0   | (virutal adj router) with (configur\$3) with (static or statically)  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/04/27 12:33 |
| L13   | 231 | (router) with (configur\$3) with (static or statically)  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/04/27 12:40 |
| L14   | 154 | (@ad<="20020922" or<br>@rlad<="20020922") and 13   | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/04/27 12:34 |
| L15   | 4   | (router) with (configur\$3) with (static or statically) with resource  | US-PGPUB;<br>USPAT;<br>DERWENT                          | OR | ON | 2007/04/27 12:41 |
| S2    | 192 | integrated adj router  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/24 16:33 |

| S3  | 94  | (optic or optical or fiber) and S2               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 09:48 |
|-----|-----|--|---|------|------|------------------|
| S4  | 67  | (@ad<="20020922" or<br>@rlad<="20020922") and S3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 10:48 |
| S5  | 13  | ("5825775").URPN.                                | USPAT   | OR   | ON   | 2007/04/25 09:45 |
| S6  | 2   | "5500816".pn.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2007/04/25 09:47 |
| S7  | 2   | "5550816".pn.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 09:47 |
| S8  | 117 | ("5550816").URPN.                                | USPAT   | OR   | ON   | 2007/04/25 09:47 |
| S9  | 114 | (@ad<="20020922" or<br>@rlad<="20020922") and S8 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON . | 2007/04/25 09:48 |
| S10 | 55  | (optic or optical or fiber) and S9               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 09:48 |
| S11 | 13  | firewall and S10                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 09:53 |
| S12 | 2   | "7069344".pn.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2007/04/25 09:53 |

|     |      | 1   |   |    |      |                  |
|-----|------|---|---|----|------|------------------|
| S13 | 29   | ("20010019559"   "20010049729"   "20010049737"   "20020036658"   "20020116484"   "20030172170"   "20040004968"   "5790548"   "5862325"   "5884024"   "5918016"   "6005931"   "6029203"   "6088717"   "6101499"   "6118768"   "6212561"   "6219697"   "6222859"   "6345051"   "6424654"   "6603758"   "6636894"   "6657991"   "6678732"   "6697864"   "6748439").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON   | 2007/04/25 09:53 |
| S15 | 0    | carolan-sean.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 09:55 |
| S16 | 263  | carolan.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 09:56 |
| S17 | 8    | "709"/\$.ccls. and S16  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 10:47 |
| S18 | 1687 | 370/400.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON · | 2007/04/25 10:49 |
| S19 | 1247 | (@ad<="20020922" or<br>@rlad<="20020922") and S18   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 14:30 |
| S20 | 5709 | 370/401.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 10:49 |
| S21 | 4081 | (@ad<="20020922" or<br>@rlad<="20020922") and S20   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 13:00 |

| S22 | 52434  | (unified or integrated) with (router or switch)                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 13:00 |
|-----|--------|--|---|------|----|------------------|
| S23 | 168085 | (service with provider) or provider                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 14:04 |
| S24 | 3657   | S22 and S23  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 13:01 |
| S25 | 176    | S21 and S24  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 13:57 |
| S29 | 19193  | (second or another or first) with ((service adj provider) or provider) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 14:05 |
| S30 | 361    | S20 and S29  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 14:05 |
| S31 | 243    | S21 and S29  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 14:28 |
| S32 | 13422  | "352"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 14:29 |
| S33 | 5610   | 370/352.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | ON | 2007/04/25 14:29 |
| S34 | 3726   | (@ad<="20020922" or<br>@rlad<="20020922") and S33                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/25 15:43 |

| S36 | 449  | ((mutiple with provider) or<br>(multiple with service with<br>provider) or ((second or first) with<br>provider)) and S34 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 14:38 |
|-----|------|--|---|----|------|------------------|
| S37 | 1752 | 709/250.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 14:37 |
| S38 | 99   | ((mutiple with provider) or<br>(multiple with service with<br>provider) or ((second or first) with<br>provider)) and S37 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/04/25 15:27 |
| S39 | 4    | "667869".ap.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:39 |
| S40 | 2    | "7069344".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:42 |
| S41 | 1224 | 709/221.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:42 |
| S42 | 1041 | (@ad<="20020922" or<br>@rlad<="20020922") and S41  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:43 |
| S43 | 1506 | (@ad<="20020922" or<br>@rlad<="20020922") and S37  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:50 |
| S44 | 269  | (service adj provider) and S43   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:50 |
| S45 | 209  | (service adj provider) and S42   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/25 15:50 |

| S46 | 38    | ((shared or common) with resource) and S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 15:58 |
|-----|-------|--|---|------|------|------------------|
| S47 | 23    | ((shared or common) with resource) and S45   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 15:51 |
| S48 | 22901 | 370/468,389,400,352,401,353,<br>356,357,230,231,235,254,395.2,<br>395.21.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 16:18 |
| S49 | 19915 | 709/221,222,224,225,229,244,<br>249,203.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 16:19 |
| S50 | 1044  | S48 and S49  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 16:19 |
| S51 | 41772 | S48 or S49   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 16:19 |
| S52 | 41708 | (multiple or many or plurality or<br>second or third) with ((service adj<br>provider) or provider or ISP or<br>(internet with service with<br>provider)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR · | ON   | 2007/04/25 16:29 |
| S53 | 5096  | S51 and S52  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON . | 2007/04/25 16:29 |
| S54 | 3788  | (@ad<="20020922" or<br>@rlad<="20020922") and S53  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 16:44 |
| S55 | 1676  | (optic or optical or fiber) and S54  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2007/04/25 16:44 |

| S56 | 1486  | ((service with request) or request) and S55   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:45 |
|-----|-------|---|---|----|----|------------------|
| S57 | 1125  | resource and S56  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:32 |
| S58 | 835   | (dynamic or dynamically or static or statically) and S57  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:33 |
| S59 | 782   | (configur\$3 or configuration) and S58  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:39 |
| S60 | 13995 | (multiple adj ((service adj<br>provider) or provider)) or (plurality<br>with ((service adj provider) or<br>provider)) or ((second or first) adj<br>((service adj provider) or<br>provider)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:45 |
| S61 | 2068  | ((multiple or second or first) adj<br>(ISP or (internet adj service adj<br>provider))) or (plurality with (ISP<br>or (internet adj service adj<br>provider)))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:52 |
| S62 | 14960 | S60 or S61  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:44 |
| S63 | 2048  | S51 and S62   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:44 |
| S64 | 1541  | (@ad<="20020922" or<br>@rlad<="20020922") and S63   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:53 |

|     |         | LASI Scare  |   | J  |    |                  |
|-----|---------|---|---|----|----|------------------|
| S65 | 714     | (optic or optical or fiber) and S64   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:44 |
| S66 | 629     | ((service with request) or request) and S65   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:53 |
| S67 | 7734    | (multiple adj (service adj<br>provider)) or (plurality with<br>(service adj provider)) or ((second<br>or first) adj (service adj provider)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:25 |
| S68 | 8770    | S67 or S61  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:26 |
| S69 | 1444    | S51 and S68   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:52 |
| S70 | 1098    | (@ad<="20020922" or<br>@rlad<="20020922") and S69   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:53 |
| S71 | 505     | S65 and S70   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:53 |
| S72 | 439     | ((service with request) or request) and S71   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:53 |
| S73 | 2182430 | (router or switch) nad S72  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:54 |
| S74 | 339     | (router or switch) and S72  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:54 |

| S75 | 255   | resource and S74  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/25 16:54 |
|-----|-------|---|---|----|----|------------------|
| S76 | 4     | ("2002/0101858").URPN.  | USPAT   | OR | ON | 2007/04/25 17:04 |
| S77 | 3     | "667867".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ÓИ | 2007/04/26 09:50 |
| S78 | 4     | "667869".ap.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:18 |
| S79 | 47720 | (bus or line) and board and (optic<br>or optical) and component and<br>(switch or router) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 10:06 |
| S80 | 2207  | "370"/\$.ccls. and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 10:06 |
| S81 | 1079  | (routing and (data with packet)) and S80  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 10:07 |
| S82 | 667   | software and resource and S81   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 10:07 |
| S83 | 543   | (@ad<="20020922" or<br>@rlad<="20020922") and S82   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 10:18 |
| S84 | 58    | ((optic or optical) with component) and S83   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 10:18 |

|     |          |   |   | _  |    |                  |
|-----|----------|---|---|----|----|------------------|
| S85 | 514      | switching with between with ((service adj provider) or isp)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 13:14 |
| S86 | 23365268 | (@ad<="20020922"<br>@rlad<="20020922")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 13:07 |
| S87 | 407      | (@ad<="20020922"<br>@rlad<="20020922") and S85  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:02 |
| S88 | 16       | switching adj between adj<br>((service adj provider) or isp)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:01 |
| S89 | 2        | "20030172170"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 13:21 |
| S90 | 2        | "20020116484"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 13:21 |
| S91 | 1        | ("7069344").URPN.   | USPAT   | OR | ON | 2007/04/26 13:22 |
| S92 |          | ("20010019559"   "20010049729"   "20010049737"   "20020036658"   "20020116484"   "20030172170"   "20040004968"   "5790548"   "5862325"   "5884024"   "5918016"   "6005931"   "6029203"   "6088717"   "6101499"   "6118768"   "6212561"   "6219697"   "6222859"   "6345051"   "6424654"   "6603758"   "6636894"   "6657991"   "6678732"   "6697864"   "6748439").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2007/04/26 13:22 |
| S93 | 16       | ("6636894").URPN.   | USPAT   | OR | ON | 2007/04/26 13:56 |
| S94 | 0        | "20030065787"   | USPAT   | OR | ON | 2007/04/26 13:57 |
| S95 | 37       | osafune.in.   | USPAT   | OR | ON | 2007/04/26 13:59 |

| S96      | 0    | "20030065787"   | USPAT   | OR   | ON | 2007/04/26 14:00 |
|----------|------|---|---|------|----|------------------|
| S97      | 2    | "20030065787"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/26 14:00 |
| S98      | 32   | US-20030065787-\$.DID. OR US-6023724-\$.DID. OR US-6073172-\$.DID. OR US-6073178-\$.DID. OR US-6145002-\$.DID. OR US-6243754-\$.DID. OR US-6243754-\$.DID. OR US-20010019557-\$.DID. OR US-20020002615-\$.DID. OR US-20020013844-\$.DID. OR US-20020023160-\$.DID. OR US-20020023174-\$.DID. OR US-6487596-\$.DID. OR US-6603758-\$.DID. OR US-6697864-\$.DID. OR | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                | OR   | ON | 2007/04/26 16:11 |
| S99      | 5    | ("6449272"   "6463475"  <br>"6507577"   "6654808"  <br>"6654823").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR . | ON | 2007/04/26 14:10 |
| S10<br>0 | 1    | ("6816890").URPN.   | USPAT   | OR   | ON | 2007/04/26 14:17 |
| S10<br>1 | 6    | osafune-tatsuaki.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/26 14:55 |
| S10<br>2 | 2    | "6680948".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/26 14:55 |
| S10<br>3 | 2824 | switching with ((service adj<br>provider) or isp)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/26 15:01 |
| S10<br>4 | 86   | switching with multiple with ((service adj provider) or isp)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/04/26 15:38 |

|          |     | LASI Scal  |   | •  |    |                  |
|----------|-----|--|---|----|----|------------------|
| S10<br>5 | 61  | (@ad<="20020922"<br>@rlad<="20020922") and S104                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:19 |
| S10<br>6 | 245 | (multi\$1service or multiservice) adj (switch\$3)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:20 |
| S10<br>7 | 111 | packet and router and S106   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:19 |
| S10<br>8 | 76  | (@ad<="20020922"<br>@rlad<="20020922") and S107                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:21 |
| S10<br>9 | 93  | (service adj provider) and S106                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:20 |
| S11<br>0 | 74  | (@ad<="20020922"<br>@rlad<="20020922") and S109                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:27 |
| S11<br>1 | 70  | packet and S110  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:26 |
| S11<br>2 | 376 | (service adj provider) with (configur\$3) with (switch or gateway) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:26 |
| S11<br>3 | 254 | packet and S112  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 15:27 |
| S11<br>4 | 172 | (@ad<="20020922"<br>@rlad<="20020922") and S113                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:34 |

| S11<br>5 | 2    | "7079485"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/04/26 15:37 |
|----------|------|---|---|----|------|------------------|
| S11<br>6 | 0    | (distributed adj switching) with<br>multiple with ((service adj<br>provider) or isp)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 15:38 |
| S11<br>7 | 4    | (distributed adj switching) and<br>multiple with ((service adj<br>provider) or isp)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 15:52 |
| S11<br>8 | 26   | (distributed adj switch) and<br>multiple with ((service adj<br>provider) or isp)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 15:52 |
| S11<br>9 | 26   | (distributed adj switch) and (multiple with ((service adj provider) or isp))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 15:52 |
| S12<br>0 | 2    | "6157950".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                | OR | ON   | 2007/04/26 16:12 |
| S12<br>1 | 3    | "20020136210"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                | OR | ON   | 2007/04/26 16:13 |
| S12<br>2 | 2    | "5550816".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                | OR | ON   | 2007/04/26 16:14 |
| S12<br>3 | 88   | (logical adj router)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                | OR | ON   | 2007/04/26 16:14 |
| S12<br>4 | 2069 | ((multiple or second or first) adj<br>(ISP or (internet adj service adj<br>provider))) or (plurality with (ISP<br>or (internet adj service adj<br>provider))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 16:26 |

|          |        | LAST Sear   |   | ,  |    | •                |
|----------|--------|---|---|----|----|------------------|
| S12<br>5 | 7746   | (multiple adj (service adj<br>provider)) or (plurality with<br>(service adj provider)) or ((second<br>or first) adj (service adj provider)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:26 |
| S12<br>6 | 8783   | S125 or S124  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:26 |
| S12<br>7 | 8783   | S126  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:26 |
| S12<br>8 | 510    | (distributed with (rout\$3 or<br>switch\$)) and S127  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:27 |
| S12<br>9 | 105151 | "370"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:28 |
| S13<br>0 | 53642  | "709"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:28 |
| S13<br>1 | 6028   | S129 and S130   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:28 |
| S13<br>2 | 21     | S131 and S128   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:29 |
| S13<br>3 | 30     | (line adj card) and S128  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:32 |
| S13<br>4 | 6      | (integrated adj switch) and S127  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 16:33 |

|          |        | LASI Searc  |   | 7  |      |                  |
|----------|--------|---|---|----|------|------------------|
| S13<br>5 | 711    | (switch or router) with (configur\$4) and S127                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 16:34 |
| S13<br>6 | 515    | (@ad<="20020922"<br>@rlad<="20020922") and S135                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 16:52 |
| S13<br>7 | 847    | (vpn or (virtual adj private adj<br>network)) and S127          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 16:51 |
| S13<br>8 | 385878 | (line with (card or switch or board or router))                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 16:52 |
| S13<br>9 | 243    | S138 and S137   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 16:52 |
| S14<br>0 | 173    | (@ad<="20020922"<br>@rlad<="20020922") and S139                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 17:02 |
| S14<br>1 | 266    | 726/15.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 17:02 |
| S14<br>2 | 195    | (@ad<="20020922"<br>@rlad<="20020922") and S141                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 17:13 |
| S14<br>3 | 10     | S127 and S142   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/04/26 17:12 |
| S14<br>4 | 559    | (virtual adj (rout\$3 or switch\$3)) and (service adj provider) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON , | 2007/04/26 17:13 |

| S14<br>5 | 495 | packet and S144                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 17:13 |
|----------|-----|---|---|----|----|------------------|
| S14<br>6 | 352 | (@ad<="20020922"<br>@rlad<="20020922") and S145 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 17:14 |
| S14<br>7 | 56  | (service adj request) and S146                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/26 17:14 |